



Federal Communications Commission

Approved by OMB
3060-0999
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public burden estimate.

Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2017 - December 31, 2017

Filing Confirmation Number: 0008063744

Filing Deadline: January 16, 2018

FRN: 0009403692

Filing Date: 01/16/2018 04:51 PM

General Report Information

Type of Company

Service Provider

De Minimis Exception

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

Company Information

Company Name: Buffalo-Lake Erie Wireless Systems Co., L.L.C.

Brand Names: Blue Wireless
New Blue Wireless

PO Box:

Street Address: 4915 Auburn Avenue, Suite 208

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State: MD

Zip Code: 20814

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Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? Yes

Agent Name: Timothy J. Cooney
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Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: www.blueunlimited.com

Explain:

Consumer Outreach

Describe consumer outreach efforts in the past 12 months: In 2017 Blue Wireless offered only HAC-rated handset

models. Blue Wireless works with hearing impaired customers in its retail stores to select a phone most suitable to their needs as well as works with training its retail staff regarding making HAC handsets available to hearing impaired customers or customers who may desire such models. Blue Wireless also lists its HAC handsets on its public website.

Methodology for Functionality Levels

Blue Wireless offers handsets across different levels of functionality. Blue Wireless defines levels of functionality according to features and characteristics of the handset as well as cost. Handsets classified as Good include basic voice and texting functionality. Better handsets include voice/texting/mobile web browsing as well as picture cameras. Best handsets include smartphones that offer voice calling/texting/picture cameras/ web browsing as well as texting or touchscreen keyboards and Wi-Fi capability and/or MP3 players. Blue Wireless offers HAC compliant models in all of its functionality categories.

Report Remarks

You have reported the following handset model summary information.

Total number of handsets offered: 23

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets	Total by Air Interface
	Number	Percent	Number	Percent		
GSM	13	100%				13
CDMA	20	95%	1	5%		21
WCDMA	12	100%				12
LTE	14	93%	1	7%		15
Wi-Fi	21	95%	1	5%		22
Bluetooth	5	100%				5

Handset 1: Alcatel 960C

Handset Maker

Alcatel

Handset Model Name

960C

FCC ID

RAD278

Air Interfaces/Frequency Bands

850 MHz CDMA
1700 MHz CDMA
1900 MHz CDMA
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 08/13 to 12/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Better

Remarks

Handset 2: Apple Apple iPhone 7

Handset Maker

Apple

Handset Model Name

FCC ID

Apple iPhone 7

BCG-E3091A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 3: Apple IPHONE 6S PLUS

Handset Maker

Apple

Handset Model Name

FCC ID

IPHONE 6S PLUS

BCG-E2944A

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz LTE
900 MHz GSM
1700 MHz CDMA
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 4: Apple iPhone 7 Plus

Handset Maker

Apple

Handset Model Name

iPhone 7 Plus

FCC ID

BCG-E3087A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 5: Apple iPhone 8

Handset Maker

Apple

Handset Model Name

iPhone 8

FCC ID

BCG-E3159A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 11/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 6: Apple iPhone 8 Plus

Handset Maker

Apple

Handset Model Name

iPhone 8 Plus

FCC ID

BCG-E3160A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 11/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 7: Apple iPhone SE

Handset Maker

Apple

Handset Model Name

iPhone SE

FCC ID

BCG-E3042A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1700 MHz CDMA
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2100 MHz CDMA
2.4 GHz Wi-Fi
2.5 GHz LTE
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 01/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Better

Remarks

Handset 8: Huawei M660

Handset Maker

Huawei

Handset Model Name

M660

FCC ID

QISM660

Air Interfaces/Frequency Bands

850 MHz CDMA
1700 MHz CDMA
1900 MHz CDMA
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 08/16 to 10/17

Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Good

Remarks

Handset 9: Huawei M866

Handset Maker

Huawei

Handset Model Name

M866

FCC ID

QISM866

Air Interfaces/Frequency Bands

850 MHz CDMA

1900 MHz CDMA

2.4 GHz Wi-Fi

Dates

This handset model was offered from: 08/16 to 10/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Better

Remarks

Handset 10: LG AS375(K8)

Handset Maker

LG

Handset Model Name

AS375(K8)

FCC ID

ZNFUS375

Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz CDMA

850 MHz LTE

1700 MHz LTE

1900 MHz CDMA

1900 MHz LTE

2.4 GHz Wi-Fi

2.4 GHz Bluetooth

Dates

This handset model was offered from: 01/17 to 12/17

Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Good

Remarks

Handset 11: LG AS695**Handset Maker**

LG

Handset Model Name

AS695

FCC ID

ZNFAS695

Air Interfaces/Frequency Bands

800 MHz CDMA

850 MHz CDMA

1900 MHz CDMA

2.4 GHz Wi-Fi

Dates

This handset model was offered from: 06/14 to 06/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Better

Remarks

Handset 12: LG AS730

Handset Maker

LG

Handset Model Name

AS730

FCC ID

ZNFA5730

Air Interfaces/Frequency Bands

850 MHz CDMA
1700 MHz CDMA
1900 MHz CDMA
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 09/13 to 06/17

Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Better

Remarks

Handset 13: LG G3

Handset Maker

LG

Handset Model Name

G3

FCC ID

ZNFLS990

Air Interfaces/Frequency Bands

800 MHz CDMA
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE

2.4 GHz Wi-Fi
2.4 GHz Bluetooth
2.5 GHz LTE
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 04/14 to 12/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 14: LG G5

Handset Maker

LG

Handset Model Name

FCC ID

G5

ZNFH820

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.4 GHz Bluetooth
5.0 GHz Wi-Fi
2300 MHz LTE
2600 MHz LTE

Dates

This handset model was offered from: 01/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 15: LG LS4500 (K3)

Handset Maker

LG

Handset Model Name

LS4500 (K3)

FCC ID

ZNFLS450

Air Interfaces/Frequency Bands

700 MHz LTE
800 MHz CDMA
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1700 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
2.4 GHz Bluetooth
2.5 GHz LTE

Dates

This handset model was offered from: 01/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Good

Remarks

Handset 16: LG X charge

Handset Maker

LG

Handset Model Name

X charge

FCC ID

ZNFSP320

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz LTE
900 MHz GSM
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz LTE
2.4 GHz Wi-Fi
2.4 GHz Bluetooth

Dates

This handset model was offered from: 12/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 17: Motorola G XT1031

Handset Maker

Motorola

Handset Model Name

G XT1031

FCC ID

IHDT56PF3

Air Interfaces/Frequency Bands

800 MHz CDMA
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 10/14 to 12/17

Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Better

Remarks

Handset 18: Motorola X XT1049

Handset Maker

Motorola

Handset Model Name

X XT1049

FCC ID

IHDT56PB2

Air Interfaces/Frequency Bands

850 MHz CDMA
1900 MHz CDMA
2100 MHz CDMA
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 11/17 to 12/17

Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Better

Remarks

Handset 19: Motorola XT1050

Handset Maker

Motorola

Handset Model Name

XT1050

FCC ID

IHDT56PB1

Air Interfaces/Frequency Bands

800 MHz CDMA
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 04/14 to 11/17

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 20: Motorola XT609

Handset Maker

Motorola

Handset Model Name

XT609

FCC ID

IHDP56LK1

Air Interfaces/Frequency Bands

800 MHz CDMA
1900 MHz CDMA
2.4 GHz Wi-Fi

Dates

This handset model was offered from: 04/13 to 06/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Good

Remarks**Handset 21: Samsung Galaxy J3****Handset Maker**

Samsung

Handset Model Name**FCC ID**

Galaxy J3

A3LSMJ327P

Air Interfaces/Frequency Bands

800 MHz CDMA
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 09/17 to 12/17

Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Functionality Level

Best

Remarks

Handset 22: Samsung R480

Handset Maker

Samsung

Handset Model Name

R480

FCC ID

A3LSCHR480

Air Interfaces/Frequency Bands

850 MHz CDMA
1700 MHz CDMA
1900 MHz CDMA

Dates

This handset model was offered from: 05/17 to 12/17

Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Good

Remarks

Handset 23: Samsung R530X

Handset Maker

Samsung

Handset Model Name

R530X

FCC ID

A3LSCHI535

Air Interfaces/Frequency Bands

800 MHz CDMA
850 MHz CDMA
850 MHz LTE
1900 MHz LTE
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 10/14 to 12/17

Ratings

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

Functionality Level

Best

Remarks

Certification

This Report has been certified by:

Brian Gelfand President
01/16/2018 04:51 PM